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# AS 1646-1992 Elastomeric seals for waterworks purposes

View on Information Provider website {{ linkText }} Abbreviation AS 1646-1992 Amendment AS 1646-1992/Amdt 1-1993 AS 1646-1992/Amdt 2-1993 Valid from 20/07/1992

Information provider SAI Global Author Standards Australia Information type Australian Standard Format PDF, Hard copy

Cited By

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### Description

This standard specifies performance and, where these are not appropriate, prescriptive requirements for seals, used in pipeline systems which convey aqueous liquids with temperatures of less than 50° Celsius. The range of seal hardness is between 36 IRHD and 85 IRHD.

The seals are manufactured from polychloroprene (CR), ethylene-propylene terpolymers (EPDM), polyisoprene rubber (IR), nitrile-butadiene rubber (NBR), natural rubber (NR), and styrene-butadiene rubber (SBR). Acceptance criteria are given for seals with defined imperfections. The appendices include alternative methods for the determination of the rate of compression stress relaxation and seal hardness.

#### Scope

The standard also specifies requirements for seals which incorporate root growth inhibitor and which are only intended for the conveyance of sewage or storm water. The standard does not specify the physical dimensions or hardness requirements.

## Notes:

- 1. Guidelines to purchasers on information to be specified at the time of the enquiry or order are given in appendix A.
- 2. When seals are intended for use where the likelihood of micro-organism attack is high, special precautions may need to be taken.

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• <u>AS/NZS 3500.2:2003</u>

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• AS/NZS 3500.4:2003

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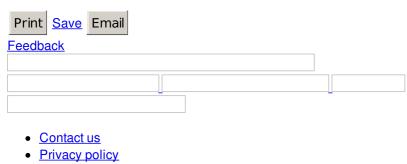
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